

Converting Colors

XYZ(32.7564, 33.1612, 26.2693)

Have a look what the booklet for
XYZ(32.7564, 33.1612, 26.2693)
contains.

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Color

**XYZ(32.7805, 33.0938,
26.1328)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9883
RGB	174, 152, 131
RGB Percent	68%, 60%, 51%
CMY	0.3176, 0.4039, 0.4863
CMYK	0.00, 0.13, 0.25, 0.32
HSL	29°, 21%, 60%
HSV	29°, 25%, 68%
XYZ	32.7805, 33.0938, 26.1328
YIQ	156.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

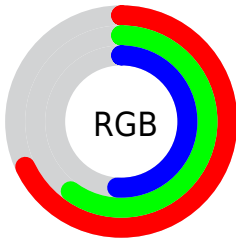
Format	Color
RYB	174, 172, 131
Decimal	11442307
CIELab	64.24, 4.79, 14.05
CIELCh	64, 14.844, 71.163
Yxy	33.0938, 0.3563, 0.3597
Android (android.graphics.Color)	4289632387 (0xFFAE9883)
YUV	156.1840, -12.4157, 15.6246
Hunter-Lab	57.5272, 1.0413, 13.3355

Details

The XYZ color **32.7805, 33.0938, 26.1328** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.3911, 30.6630, 44.4667**, and the grayscale version is **31.7303, 33.3827, 36.3538**.

A 20% lighter version of the original color is **63.3562, 64.4263, 54.4437**, and **14.0618, 13.9815, 9.9402** is the 20% darker color. If you saturate the color by 10%, you get **30.3082, 29.8805, 19.9710**, and if you desaturate by 10%, it is **35.5611, 36.6062, 33.3753**.

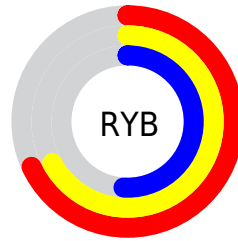
Distribution



Red (68%)

Green (60%)

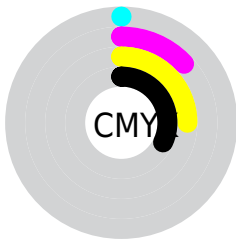
Blue (51%)



Red (68%)

Yellow (67%)

Blue (51%)

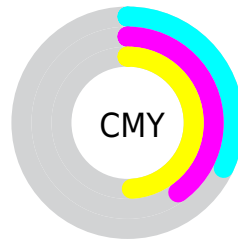


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (32%)



Cyan (32%)

Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7805, 33.0938, 26.1328 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.7805, 33.0938, 26.1328 by changing the saturation by 10% instead.

■ 32.7805, 33.0938,
26.1328

■ 32.7805, 33.0938,
26.1328

306.3420,
316.0722, 297.0596

■ 22.1168, 22.1983,
16.6964

■ 63.3897, 64.5219,
54.4758

■ 14.0598, 14.0027,
9.8586

■ 84.0658, 85.8234,
74.2195

■ 8.2443, 8.1225,
5.2009

■ 108.8101,
111.3623, 98.2360

■ 4.3048, 4.1735,
2.3048

137.9880,
141.5230, 126.9438

■ 1.8759, 1.7711,
0.7339

171.9648,
176.6900, 160.7615

■ 0.5628, 0.4690,
0.0000

211.1058,

■ 0.0000, 0.0000,

217.2476, 200.1077

0.0000

255.7764,
263.5802, 245.4009

■ 32.7805, 33.0938,
26.1328

■ 32.7805, 33.0938,
26.1328

■ 30.3082, 29.8805,
19.9710

■ 35.5611, 36.6062,
33.3753

■ 28.1293, 26.9532,
14.8349

■ 38.6587, 40.4214,
41.7455

■ 26.2315, 24.3040,
10.6679

■ 42.0853, 44.5489,
51.2904

■ 24.6004, 21.9233,
7.4068

■ 45.8510, 48.9962,
62.0535

■ 23.2202, 19.8005,
4.9810

■ 49.9656, 53.7706,
74.0760

■ 22.0728, 17.9238,
3.3092

■ 54.4386, 58.8791,
87.3973

■ 21.1368, 16.2803,
2.2926

■ 59.2789, 64.3285,
102.0551

■ 20.7034, 15.4943,
1.8995

■ 61.9499, 69.1072,
104.6817

■ 64.3939, 73.9953,
105.4963

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.6032, 33.0938, 28.9254



32.7805, 33.0938, 26.1328



30.6770, 33.0938, 25.8099

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.7805, 33.0938, 26.1328



27.6462, 33.0938, 38.3262



34.1965, 33.0938, 45.4900

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.7805, 33.0938, 26.1328



28.3911, 30.6630, 44.4667

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.2453, 33.0938, 48.6530



32.7805, 33.0938, 26.1328



28.5031, 33.0938, 44.2200

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.7805, 33.0938, 26.1328



27.7751, 33.0938, 32.4168



30.1651, 33.0938, 48.1639



35.4456, 33.0938, 39.9097

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.7805, 33.0938, 26.1328



29.4050, 33.0938, 26.9917



30.1651, 33.0938, 48.1639



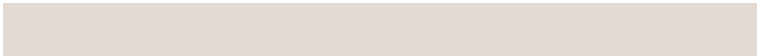
33.5974, 33.0938, 46.8979

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.7814, 33.0953, 26.1335



68.7141, 71.6000, 71.8683



31.3398, 27.5388, 33.8950



15.1984, 15.8231, 15.7718



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.7814, 33.0953, 26.1335



56.7854, 56.5739, 40.6664



36.5504, 40.6334, 27.3898



8.3161, 8.6369, 8.4422



15.0754, 11.3563, 1.3974



0.4743, 0.4258, 0.0572

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.3911, 30.6630, 44.4667



47.3532, 51.3478, 80.0522



25.2134, 24.3076, 43.4075



7.9049, 8.4092, 10.1592



8.1926, 7.5190, 30.0640



0.2825, 0.3183, 0.8545

Previews

White Background



This preview shows how the XYZ color 32.7805, 33.0938, 26.1328 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.7805, 33.0938, 26.1328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

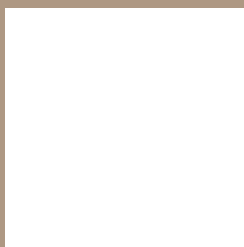
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7805, 33.0938, 26.1328

Background



This preview shows how black text looks on a background with the XYZ color 32.7805, 33.0938, 26.1328.



This preview shows how white text looks on a background with the XYZ color 32.7805, 33.0938,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.7805, 33.0938, 26.1328

Protanopia

31.2648, 33.0287, 26.9176

Deuteranopia

33.5935, 33.0351, 26.0786



Tritanopia

34.9794, 33.0301, 37.3327

Trichromacy



Original Color

32.7805, 33.0938, 26.1328

Protanomaly

31.8689, 33.1020, 26.5394

Deuteranomaly

33.2948, 33.1190, 26.1105

Tritanomaly

34.0768, 32.8949, 32.9871

Monochromacy



Original Color

32.7805, 33.0938, 26.1328

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0921, 33.3358, 32.3468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7805, 33.0938, 26.1328 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 152, 131)` looks like.

```
.text, #text, p{  
    color:rgb(174, 152, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 152, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 152, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.7805, 33.0938, 26.1328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 152, 131) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 152, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 152, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 152, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 152, 131);  
box-shadow:4px 4px 4px 4px rgb(174, 152,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7805, 33.0938, 26.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 152, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
152, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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